AS1004

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF SEPTEMBER 1989

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: November 14, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July	302,904	286,758	+5.6	254,134	256,561	-0.9	557,038	543,319	+2.5
August	295,399	289,580	+2.0	259,038	272,941	-5.1	554,437	562,521	-1.4
September	308,807	321,352	-3.9	256,800	272,864	-5.9	565,607	594,216	-4.8
9 Months	2,970,636	2,885,498	+3.0	2,468,421	2,459,890	+0.3	5,439,057	5,345,388	+1.8
October		380,810			308,139			688,949	
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052	9,043	+0.1	1,623	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July	7,947	7,641	+4.0	1,380	1,296	+6.5
August	8,185	7,872	+4.0	1,791	1,674	+7.0
September	7,654	8,662	-11.6	1,541	1,593	-3.3
9 Months	79,475	80,374	-1.1	14,835	13,937	+6.4
October		9,399			1,694	
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July	185,550	163,550	+13.5	10,655	14,890	-28.4	26,167	27,150	-3.6
August	215,965	200,730	+7.6	21,770	22,565	-3.5	27,905	23,945	+16.5
September	245,825	254,035	-3.2	25,670	32,085	-20.0	23,978	24,680	-2.8
9 Months	1,550,940	1,439,705	+7.7	120,425	136,190	-11.6	241,007	233,425	+3.2
October		251,855			27,210			23,090	
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694	-15.2	8,821	11,848	-25.5
February	10,698	11,102	-3.6	7,234	6,030	+20.0
March	11,310	12,017	-5.9	9,390	9,677	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	3,439	6,728	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	48,636	52,280	-7.0
July	11,959	14,010	-14.6	8,242	9,597	-14.1
August	20,883	20,347	+2.6	15,603	14,575	+7.1
September	22,793	28,423	-19.8	16,409	19,053	-13.9
9 Months	123,470	134,541	-8.2	88,890	95,505	-6.9
October		32,057			20,469	
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July	7,120	5,770	+23.4	5,510	5,720	-3.7	12,630	11,490	+9.9
August	7,740	8,880	-12.8	4,540	4,610	-1.5	12,280	13,490	-9.0
September	15,330	16,050	-4.5	6,890	8,090	-14.8	22,220	24,140	-8.0
9 Months	71,020	70,080	+1.3	46,110	44,330	+4.0	117,130	114,410	+2.4
October		12,670			7,480			20,150	
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July	7,106	7,654	-7.2	26,031 (r)	16,271	+60.0
August	10,582	8,618	+22.8	26,527	15,131	+75.3
September	12,284	11,849	+3.7	19,022	24,744	-23.1
9 Months	60,212	59,249	+1.6	166,697	126,988	+31.3
October		15,028			32,609	
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

(r) Revised

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months	*	126,423		6,545	8,085	-19.0
July	*	18,602		1,602	1,015	+57.8
August	*	19,384		1,509	1,726	-12.6
September	*	18,268		2,171	2,021	+7.4
9 Months	*	182,377		11,827	12,847	-7.9
October		19,232			3,599	
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July	8,394	10,289	-18.4	454	581	-21.9	778	631	+23.3
August	17,641	15,834	+11.4	1,059	1,063	-0.4	1,676	1,306	+28.3
September	22,164	19,789	+12.0	1,058	1,124	-5.9	2,236	1,635	+36.8
9 Months	125,682	100,588	+24.9	7,489	6,946	+7.8	14,317	11,411	+25.5
October		16,909			1,171			1,879	
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF OCTOBER 1989

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: December 12, 1989

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July	302,904	286,758	+5.6	254,134	256,561	-0.9	557,038	543,319	+2.5
August	295,399	289,580	+2.0	259,038	272,941	-5.1	554,437	562,521	-1.4
September	308,807	321,352	-3.9	256,800	272,864	-5.9	565,607	594,216	-4.8
9 Months	2,970,636	2,885,498	+3.0	2,468,421	2,459,890	+0.3	5,439,057	5,345,388	+1.8
October	397,068	380,810	+4.3	317,882	308,139	+3.2	714,950	688,949	+3.8
November		307,417			259,325			566,742	
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052	9,043	+0.1	1,623	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July	7,947	7,641	+4.0	1,380	1,296	+6.5
August	8,185	7,872	+4.0	1,791	1,674	+7.0
September	7,654	8,662	-11.6	1,541	1,593	-3.3
9 Months	79,475	80,374	-1.1	14,835	13,937	+6.4
October	8,732	9,399	-7.1	1,691	1,694	-0.2
November		8,700			1,609	
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July	185,550	163,550	+13.5	10,655	14,890	-28.4	26,167	27,150	-3.6
August	215,965	200,730	+7.6	21,770	22,565	-3.5	27,905	23,945	+16.5
September	245,825	254,035	-3.2	25,670	32,085	-20.0	23,978	24,680	-2.8
9 Months	1,550,940	1,439,705	+7.7	120,425	136,190	-11.6	241,007	233,425	+3.2
October	250,890	251,855	-0.4	24,370	27,210	-10.4	21,079	23,090	-8.7
November		223,035			22,785			17,045	
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694	-15.2	8,821	11,848	-25.5
February	10,698	11,102	-3.6	7,234	6,030	+20.0
March	11,310	12,017	-5.9	9,390	9,677	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	48,636	52,280	-7.0
July	11,959	14,010	-14.6	8,242	9,597	-14.1
August	20,883	20,347	+2.6	15,603	14,575	+7.1
September	22,793	28,423	-19.8	16,409	19,053	-13.9
9 Months	123,470	134,541	-8.2	88,890	95,505	-6.9
October	29,564	32,057	-7.8	18,309	20,469	-10.6
November		25,785			16,235	
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July	7,120	5,770	+23.4	5,510	5,720	-3.7	12,630	11,490	+9.9
August	7,740	8,880	-12.8	4,540	4,610	-1.5	12,280	13,490	-9.0
September	15,330	16,050	-4.5	6,890	8,090	-14.8	22,220	24,140	-8.0
9 Months	71,020	70,080	+1.3	46,110	44,330	+4.0	117,130	114,410	+2.4
October	15,810	12,670	+24.8	8,210	7,480	+9.8	24,020	20,150	+19.2
November		12,030			7,210			19,240	
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July	7,106	7,654	-7.2	26,031 (r)	16,271	+60.0
August	10,582	8,618	+22.8	26,527	15,131	+75.3
September	12,284	11,849	+3.7	19,022	24,744	-23.1
9 Months	60,212	59,249	+1.6	166,697	126,988	+31.3
October	14,016	15,028	-6.7	19,509	32,609	-40.2
November		10,432			20,476	
December		6,717			22,088	
YEAR-END		91,426			202,161	

(r) Revised

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months	*	126,423		6,545	8,085	-19.0
July	*	18,602		1,602	1,015	+57.8
August	*	19,384		1,509	1,726	-12.6
September	*	18,268		2,171	2,021	+7.4
9 Months	*	182,377		11,827	12,847	-7.9
October	*	19,232		2,837	3,599	-21.2
November		18,391			1,734	
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July	8,394	10,289	-18.4	454	581	-21.9	778	631	+23.3
August	17,641	15,834	+11.4	1,059	1,063	-0.4	1,676	1,306	+28.3
September	22,194 (r)	19,789	+12.2	1,058	1,124	-5.9	2,236	1,635	+36.8
9 Months	125,712 (r)	100,588	+25.0	7,489	6,946	+7.8	14,317	11,411	+25.5
October	16,089	16,909	-4.8	1,175	1,171	+0.3	1,942	1,879	+3.4
November		19,643			1,170			2,298	
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

(r) Revised

STATISTICAL RELEASE

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

December 18, 1989

To: STATISTICAL CORRESPONDENTS

Industry Shipment Consensus Projections
1990,1991,1992, 1993, and 1994

Attached are the results of GAMA's survey of the five year industry projections.

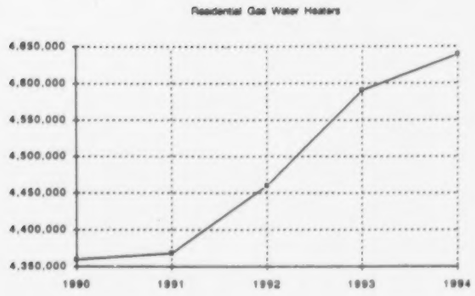
Your participation in this survey is greatly appreciated.

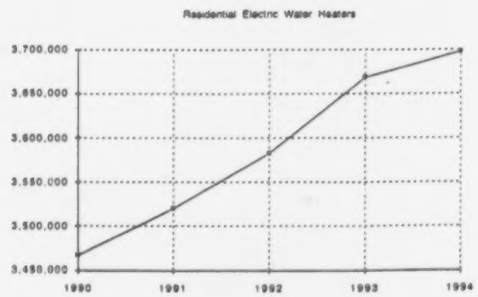
Lisa R. Kenney
Manager of Market Statistics

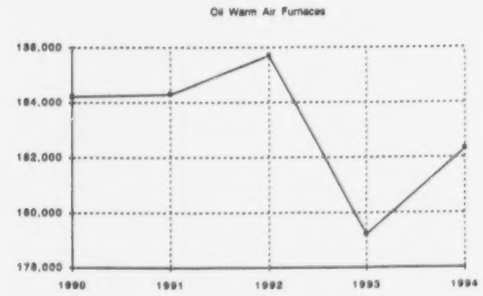
/lrk
Attachment

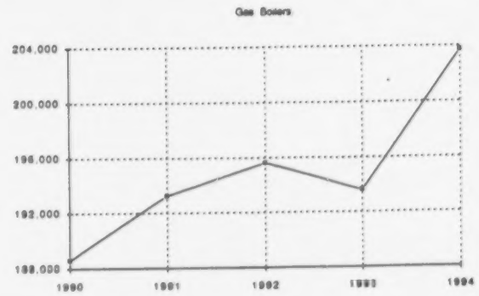
INDUSTRY SHIPMENT PROJECTIONS
CALENDAR YEARS 1990,1991,1992,1993,1994

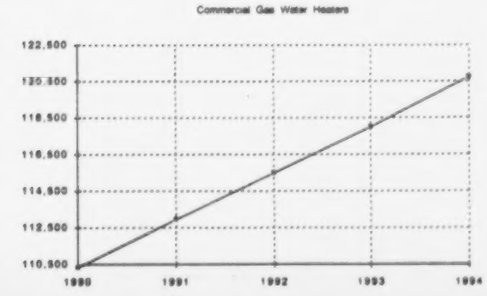
	1990			1991			1992			1993			1994		
	AVERAGE	HIGH	LOW	AVERAGE	HIGH	LOW	AVERAGE	HIGH	LOW	AVERAGE	HIGH	LOW	AVERAGE	HIGH	LOW
WATER HEATERS															
Residential Gas Automatic Storage Water Heaters	4,359,000	4,700,000	4,097,500	4,367,500	4,497,000	4,235,000	4,459,600	4,616,000	4,240,000	4,590,200	4,862,000	4,285,000	4,638,200	4,865,000	4,325,000
Residential Electric Automatic Storage Water Heaters	3,467,300	3,868,100	3,295,000	3,520,000	3,966,800	3,257,000	3,582,900	4,046,700	3,342,300	3,668,600	4,147,800	3,385,100	3,697,200	4,251,400	3,393,500
Commercial Gas Water Heaters	110,300	114,000	100,500	112,900	119,000	102,800	115,500	123,700	103,400	118,000	128,700	103,500	120,700	133,800	105,600
FURNACES															
Gas Warm Air Furnaces	2,148,400	2,311,000	1,955,000	2,199,800	2,565,000	1,963,000	2,273,800	2,677,000	2,050,000	2,264,400	2,566,000	1,960,000	2,322,900	266,200	1,965,000
Oil Furnaces	184,200	190,600	174,000	184,300	192,000	158,000	185,700	197,000	156,000	179,200	202,500	153,000	182,300	211,800	152,000
Electric Warm Air Furnaces	350,600	370,000	308,000	366,800	402,000	312,000	380,400	433,000	324,000	381,200	470,000	333,000	394,400	517,000	345,000
BOILERS															
Gas Boilers	188,600	202,000	175,400	193,200	215,000	176,600	195,600	224,000	178,300	193,600	235,000	170,000	203,700	248,000	184,000
Oil Boilers	129,200	150,000	113,000	130,100	150,000	115,000	129,900	150,000	113,000	125,200	135,000	112,000	126,600	140,000	110,000
DIRECT HEATING EQUIPMENT															
Gas Residential Wall Furnaces (Vented & Direct Vent)	175,300	190,000	150,000	179,500	193,000	150,000	180,500	195,000	150,000	181,800	197,000	150,000	182,300	199,000	150,000
Room Heaters (Vented & Unvented)	305,700	340,000	292,000	318,500	360,000	298,000	331,500	390,000	299,000	343,300	420,000	300,000	357,300	450,000	300,000
Floor Furnaces	22,200	23,000	20,500	22,300	23,000	21,000	22,300	23,000	21,000	22,300	23,000	21,000	22,300	23,000	21,000
UNIT HEATERS & DUCT FURNACES															
Gas Unit Heaters	177,900	189,200	165,000	179,500	193,000	165,000	182,200	196,000	167,000	184,800	199,800	170,000	183,900	200,700	170,000
Gas Duct Furnaces	19,000	19,900	18,000	19,300	20,100	18,500	19,500	20,500	18,500	20,000	20,900	19,000	20,000	21,300	19,000

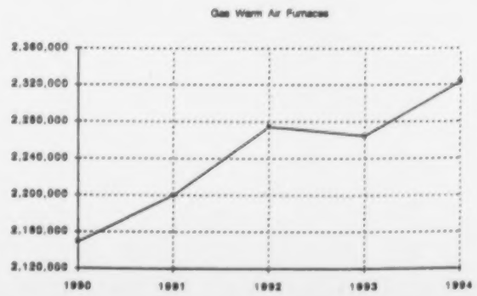


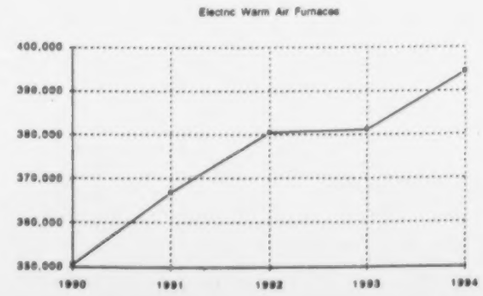


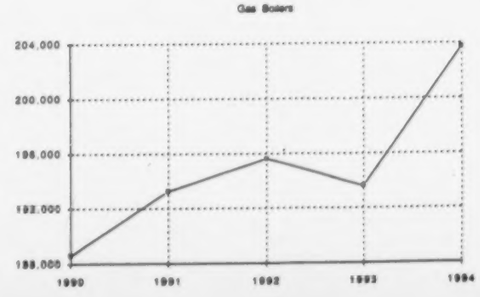




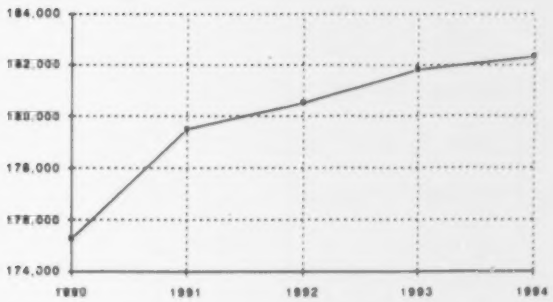




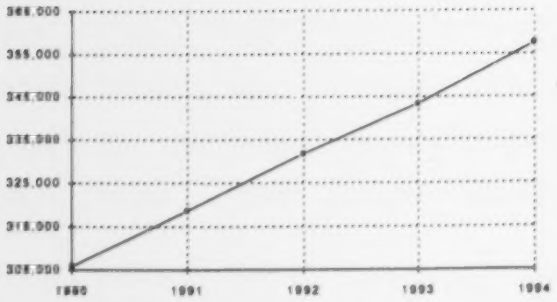




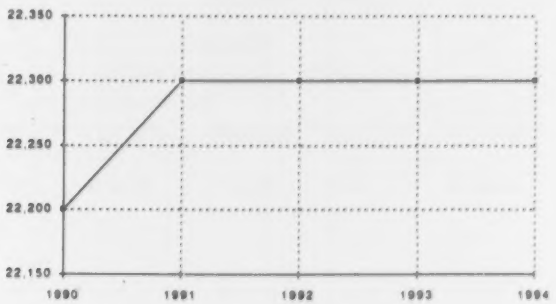
Gas Residential Wall Furnaces



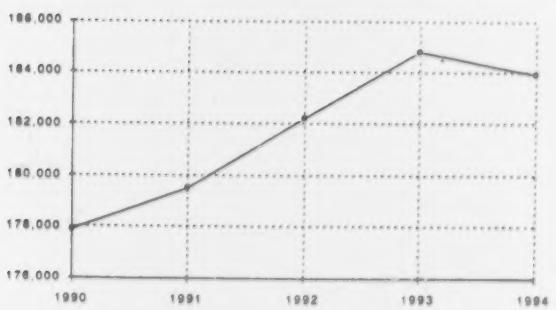
Room Heaters



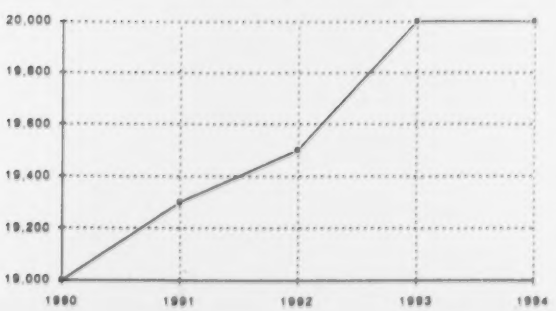
Floor Furnaces



Unit Heaters



Duct Furnaces



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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF NOVEMBER 1989

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
8	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
8	Gas Heating Equipment
9	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: January 18, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July	302,904	286,758	+5.6	254,134	256,561	-0.9	557,038	543,319	+2.5
August	295,399	289,580	+2.0	259,038	272,941	-5.1	554,437	562,521	-1.4
September	308,807	321,352	-3.9	256,800	272,864	-5.9	565,607	594,216	-4.8
9 Months	2,970,636	2,885,498	+3.0	2,468,421	2,459,890	+0.3	5,439,057	5,345,388	+1.8
October	397,068	380,810	+4.3	317,882	308,139	+3.2	714,950	688,949	+3.8
November	364,592	307,417	+18.6	278,169	259,325	+7.3	642,761	566,742	+13.4
December		382,744			306,136			688,880	
YEAR-END		3,956,469			3,333,490			7,289,959	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1989	1988	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052	9,043	+0.1	1,623	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July	7,947	7,641	+4.0	1,380	1,296	+6.5
August	8,185	7,872	+4.0	1,791	1,674	+7.0
September	7,773 (r)	8,662	-10.3	1,541	1,593	-3.3
9 Months	79,594	80,374	-1.0	14,835	13,937	+6.4
October	8,851 (r)	9,399	-5.8	1,691	1,694	-0.2
November	8,132	8,700	-6.5	1,542	1,609	-4.2
December		10,209			1,755	
YEAR-END		108,682			18,995	

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July	185,550	163,550	+13.5	10,655	14,890	-28.4	26,167	27,150	-3.6
August	215,965	200,730	+7.6	21,770	22,565	-3.5	27,905	23,945	+16.5
September	245,825	254,035	-3.2	25,670	32,085	-20.0	23,978	24,680	-2.8
9 Months	1,550,940	1,439,705	+7.7	120,425	136,190	-11.6	241,007	233,425	+3.2
October	250,890	251,855	-0.4	24,370	27,210	-10.4	21,079	23,090	-8.7
November	195,730	223,035	-12.2	20,430	22,785	-10.3	15,902	17,045	-6.7
December		177,570			17,600			19,535	
YEAR-END		2,092,165			203,785			293,095	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694	-15.2	8,821	11,848	-25.5
February	10,698	11,102	-3.6	7,234	6,030	+20.0
March	11,310	12,017	-5.9	9,390	9,677	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	48,636	52,280	-7.0
July	11,959	14,010	-14.6	8,242	9,597	-14.1
August	20,883	20,347	+2.6	15,603	14,575	+7.1
September	22,793	28,423	-19.8	16,409	19,053	-13.9
9 Months	123,470	134,541	-8.2	88,890	95,505	-6.9
October	29,564	32,057	-7.8	18,309	20,469	-10.6
November	21,058	25,785	-18.3	13,058	16,235	-19.6
December		18,937			11,995	
YEAR-END		211,320			144,204	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July	7,120	5,770	+23.4	5,510	5,720	-3.7	12,630	11,490	+9.9
August	7,740	8,880	-12.8	4,540	4,610	-1.5	12,280	13,490	-9.0
September	15,330	16,050	-4.5	6,890	8,090	-14.8	22,220	24,140	-8.0
9 Months	71,020	70,080	+1.3	46,110	44,330	+4.0	117,130	114,410	+2.4
October	15,810	12,670	+24.8	8,210	7,480	+9.8	24,020	20,150	+19.2
November	10,290	12,030	-14.5	5,760	7,210	-20.1	16,050	19,240	-16.6
December		13,090			6,310			19,400	
YEAR-END		107,870			65,330			173,200	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	VENTED ROOM HEATERS 1988	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1989	UNVENTED ROOM HEATERS 1988	UNVENTED ROOM HEATERS %Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July	7,106	7,654	-7.2	26,031 (r)	16,271	+60.0
August	10,582	8,618	+22.8	26,527	15,131	+75.3
September	12,284	11,849	+3.7	19,022	24,744	-23.1
9 Months	60,212	59,249	+1.6	166,697	126,988	+31.3
October	14,016	15,028	-6.7	19,509	32,609	-40.2
November	7,402	10,432	-29.0	18,349	20,476	-10.4
December		6,717			22,088	
YEAR-END		91,426			202,161	

(r) Revised

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months	*	126,423		6,545	8,085	-19.0
July	*	18,602		1,602	1,015	+57.8
August	*	19,384		1,509	1,726	-12.6
September	*	18,268		2,171	2,021	+7.4
9 Months	*	182,377		11,827	12,847	-7.9
October	*	19,232		2,837	3,599	-21.2
November	*	18,391		2,255	1,734	+30.0
December		15,518			2,120	
YEAR-END		235,518			20,300	

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS 1989	1988	%Chg.	BLOWER TYPE UNIT HEATERS 1989	1988	%Chg.	DUCT FURNACES 1989	1988	%Chg
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July	8,394	10,289	-18.4	454	581	-21.9	778	631	+23.3
August	17,641	15,834	+11.4	1,059	1,063	-0.4	1,676	1,306	+28.3
September	22,194 (r)	19,789	+12.2	1,058	1,124	-5.9	2,236	1,635	+36.8
9 Months	125,712 (r)	100,588	+25.0	7,489	6,946	+7.8	14,317	11,411	+25.5
October	16,089	16,909	-4.8	1,175	1,171	+0.3	1,942	1,879	+3.4
November	14,942	19,643	-23.9	1,268	1,170	+8.4	1,840	2,298	-19.9
December		21,989			1,189			2,414	
YEAR-END		159,129			10,476			18,002	

(r) Revised

A505-1

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF DECEMBER 1989

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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Issued: February 14, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	336,682	354,840	-5.1	270,147	282,499	-4.4	606,829	637,339	-4.8
February	327,894	320,350	+2.4	275,663	261,891	+5.3	603,557	582,241	+3.7
March	375,171	334,094	+12.3	294,516	283,191	+4.0	669,687	617,285	+8.5
3 Months	1,039,747	1,009,284	+3.0	840,326	827,581	+1.5	1,880,073	1,836,865	+2.4
April	354,401	329,060	+7.7	293,669	266,628	+10.1	648,070	595,688	+8.8
May	324,183	316,767	+2.3	277,732	273,281	+1.6	601,915	590,048	+2.0
June	345,195	332,697	+3.8	286,722	290,034	-1.1	631,917	622,731	+1.5
6 Months	2,063,526	1,987,808	+3.8	1,698,449	1,657,524	+2.5	3,761,975	3,645,332	+3.2
July	302,904	286,758	+5.6	254,134	256,561	-0.9	557,038	543,319	+2.5
August	295,399	289,580	+2.0	259,038	272,941	-5.1	554,437	562,521	-1.4
September	308,807	321,352	-3.9	256,800	272,864	-5.9	565,607	594,216	-4.8
9 Months	2,970,636	2,885,498	+3.0	2,468,421	2,459,890	+0.3	5,439,057	5,345,388	+1.8
October	397,068	380,810	+4.3	317,882	308,139	+3.2	714,950	688,949	+3.8
November	364,592	307,417	+18.6	278,169	259,325	+7.3	642,761	566,742	+13.4
December	398,173	382,744	+4.0	304,636	306,136	-0.5	702,809	688,880	+2.0
YEAR-END	4,130,469	3,956,469	+4.4	3,369,108	3,333,490	+1.1	7,499,577	7,289,959	+2.9

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a)			ELECTRIC COMMERCIAL WATER HEATERS		
	1989	1988	%Chg.	1989	1988	%Chg.
January	9,111	9,003	+1.2	1,684	1,335	+26.1
February	9,053	8,967	+1.0	1,518	1,384	+9.7
March	10,704	10,630	+0.7	1,851	1,595	+16.1
3 Months	28,868	28,600	+0.9	5,053	4,314	+17.1
April	9,052	9,043	+0.1	1,623	1,698	-4.4
May	9,106	8,808	+3.4	1,728	1,505	+14.8
June	8,663	9,748	-11.1	1,719	1,857	-7.4
6 Months	55,689	56,199	-0.9	10,123	9,374	+8.0
July	7,947	7,641	+4.0	1,380	1,296	+6.5
August	8,185	7,872	+4.0	1,791	1,674	+7.0
September	7,773	8,662	-10.3	1,541	1,593	-3.3
9 Months	79,594	80,374	-1.0	14,835	13,937	+6.4
October	8,851	9,399	-5.8	1,691	1,694	-0.2
November	8,132	8,700	-6.5	1,542	1,609	-4.2
December	9,824	10,209	-3.8	1,700	1,755	-3.1
YEAR-END	106,401	108,682	-2.1	19,768	18,995	+4.1

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters.
(r) Revised

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**
January	178,465	157,210	+13.5	14,775	15,095	-2.1	22,655	27,685	-18.2
February	148,075	134,270	+10.3	12,890	12,790	+0.8	23,940	24,050	-0.5
March	135,190	147,965	-8.6	9,785	11,910	-17.8	28,252	24,565	+15.0
3 Months	461,730	439,445	+5.1	37,450	39,795	-5.9	74,847	76,300	-1.9
April	131,490	124,910	+5.3	6,725	7,755	-13.3	28,291	20,885	+35.5
May	142,090	118,490	+19.9	7,855	8,460	-7.2	28,508	29,575	-3.6
June	168,290	138,545	+21.5	10,300	10,640	-3.2	31,311	30,890	+1.4
6 Months	903,600	821,390	+10.0	62,330	66,650	-6.5	162,957	157,650	+3.4
July	185,550	163,550	+13.5	10,655	14,890	-28.4	26,167	27,150	-3.6
August	215,965	200,730	+7.6	21,770	22,565	-3.5	27,905	23,945	+16.5
September	245,825	254,035	-3.2	25,670	32,085	-20.0	23,978	24,680	-2.8
9 Months	1,550,940	1,439,705	+7.7	120,425	136,190	-11.6	241,007	233,425	+3.2
October	250,890	251,855	-0.4	24,370	27,210	-10.4	21,079	23,090	-8.7
November	195,730	223,035	-12.2	20,430	22,785	-10.3	15,902	17,045	-6.7
December	164,625	177,570	-7.3	13,755	17,600	-21.8	20,240	19,535	+3.6
YEAR-END	2,162,185	2,092,165	+3.3	178,980	203,785	-12.2	298,228	293,095	+1.8

GAS & OIL BOILERS

MONTH	GAS BOILERS 1989	GAS BOILERS 1988	GAS BOILERS %Chg.	OIL BOILERS 1989	OIL BOILERS 1988	OIL BOILERS %Chg.
January	14,149	16,694	-15.2	8,821	11,848	-25.5
February	10,698	11,102	-3.6	7,234	6,030	+20.0
March	11,310	12,017	-5.9	9,390	9,677	-3.0
3 Months	36,157	39,813	-9.2	25,445	27,555	-7.7
April	7,267	6,834	+6.3	4,931	6,525	-24.4
May	8,435	9,974	-15.4	6,439	6,728	-4.3
June	15,879	15,140	+4.9	11,821	11,472	+3.0
6 Months	67,835	71,761	-5.5	48,636	52 80	-7.0
July	11,959	14,010	-14.6	8,242	9,597	-14.1
August	20,883	20,347	+2.6	15,603	14,575	+7.1
September	22,793	28,423	-19.8	16,409	19,053	-13.9
9 Months	123,470	134,541	-8.2	88,890	95,505	-6.9
October	29,564	32,057	-7.8	18,309	20,469	-10.6
November	21,058	25,785	-18.3	13,058	16,235	-19.6
December	17,711	18,937	-6.5	9,718	11,995	-19.0
YEAR-END	191,803	211,320	-9.2	129,975	144,204	-9.9

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg.**	**1989**	**1988**	**%Chg**
January	9,850	9,280	+6.1	6,030	4,400	+37.0	15,880	13,680	+16.1
February	6,340	4,240	+49.5	3,180	2,360	+34.7	9,520	6,600	+44.2
March	5,080	5,850	-13.2	4,870	4,450	+9.4	9,950	10,300	-3.4
3 Months	21,270	19,370	+9.8	14,080	11,210	+25.6	35,350	30,580	+15.6
April	5,520	4,990	+10.6	5,640	3,690	+52.8	11,160	8,680	+28.6
May	6,130	6,480	-5.4	4,640	5,180	-10.4	10,770	11,660	-7.6
June	7,910	8,540	-7.4	4,810	5,830	-17.5	12,720	14,370	-11.5
6 Months	40,830	39,380	+3.7	29,170	25,910	+12.6	70,000	65,290	+7.2
July	7,120	5,770	+23.4	5,510	5,720	-3.7	12,630	11,490	+9.9
August	7,740	8,880	-12.8	4,540	4,610	-1.5	12,280	13,490	-9.0
September	15,330	16,050	-4.5	6,890	8,090	-14.8	22,220	24,140	-8.0
9 Months	71,020	70,080	+1.3	46,110	44,330	+4.0	117,130	114,410	+2.4
October	13,330 (r)	12,670	+5.2	8,210	7,480	+9.8	21,540	20,150	+6.9
November	10,290	12,030	-14.5	5,760	7,210	-20.1	16,050	19,240	-16.6
December	11,070 (r)	13,090	-15.4	7,620 (r)	6,310	+20.8	18,690	19,400	-3.7
YEAR-END	105,710	107,870	-2.0	67,700	65,330	+3.6	173,410	173,200	+0.1

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.
(r) Revised

VENTED & UNVENTED ROOM HEATERS

MONTH	VENTED ROOM HEATERS 1989	1988	%Chg.	UNVENTED ROOM HEATERS 1989	1988	%Chg.
January	3,413	3,613	-5.5	7,023	10,321	-32.0
February	3,286	2,173	+51.2	3,647	3,653	-0.2
March	4,568	4,824	-5.3	15,738	6,159	+155.5
3 Months	11,267	10,610	+6.2	26,408	20,133	+31.2
April	4,130	4,534	-8.9	16,598	12,133	+36.8
May	6,287	6,227	+1.0	25,691	17,220	+49.2
June	8,556	9,757	-12.3	26,320	21,356	+23.2
6 Months	30,240	31,128	-2.9	95,117	70,842	+34.3
July	7,106	7,654	-7.[illegible]	26,031	16,271	+60.0
August	10,582	8,618	+22.8	26,527	15,131	+75.3
September	12,284	11,849	+3.7	19,022	24,744	-23.1
9 Months	60,212	59,249	+1.6	166,697	126,988	+31.3
October	14,016	15,028	-6.7	19,509	32,609	-40.2
November	7,402	10,432	-29.0	18,349	20,476	-10.4
December	5,684 (r)	6,717	-15.4	13,011 (r)	22,088	-41.1
YEAR-END	87,314	91,426	-4.5	217,566	202,161	+7.6

(r) Revised

OTHER HEATING EQUIPMENT

MONTH	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.
January	19,069	17,578	+8.5	1,098	1,217	-9.8
February	19,800	18,998	+4.2	693	930	-25.5
March	23,426	24,693	-5.1	1,249	1,178	+6.0
3 Months	62,295	61,269	+1.7	3,040	3,325	-8.6
April	16,023	22,058	-27.4	1,056	1,076	-1.9
May	*	21,963		1,344	1,592	-15.6
June	*	21,133		1,105	2,092	-47.2
6 Months	*	126,423		6,545	8,085	-19.0
July	*	18,602		1,602	1,015	+57.8
August	*	19,384		1,509	1,726	-12.6
September	*	18,268		2,171	2,021	+7.4
9 Months	*	182,377		11,827	12,847	-7.9
October	*	19,232		2,837	3,599	-21.2
November	*	18,391		2,255	1,734	+30.0
December	*	15,518		1,558	2,120	-26.5
YEAR-END	*	235,518		18,477	20,300	-9.0

(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
(r) Revised
* Not available due to possible disclosure

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1989	1988	%Chg.	1989	1988	%Chg.	1989	1988	%Chg
January	15,019	13,557	+10.8	937	884	+6.0	2,063	1,638	+25.9
February	12,673	11,221	+12.9	1,133	831	+36.3	1,723	1,774	-2.9
March	12,971	6,652	+95.0	902	628	+43.6	1,857	1,028	+80.6
3 Months	40,663	31,430	+6.2	2,972	2,343	+26.8	5,643	4,440	+27.1
April	11,551	5,794	+99.4	551	566	-2.7	1,395	1,092	+27.7
May	10,343	5,608	+84.4	545	696	-21.7	1,164	1,325	-12.2
June	14,926	11,844	+26.0	850	573	+48.3	1,425	982	+45.1
6 Months	77,483	54,676	+41.7	4,918	4,178	+17.7	9,627	7,839	+22.8
July	8,394	10,289	-18.4	454	581	-21.9	778	631	+23.3
August	17,641	15,834	+11.4	1,059	1,063	-0.4	1,676	1,306	+28.3
September	22,194	19,789	+12.2	1,058	1,124	-5.9	2,236	1,635	+36.8
9 Months	125,712	100,588	+25.0	7,489	6,946	+7.8	14,317	11,411	+25.5
October	16,089	16,909	-4.8	1,175	1,171	+0.3	1,942	1,879	+3.4
November	14,942	19,643	-23.9	1,268	1,170	+8.4	1,840	2,298	-19.9
December	16,465	21,989	-25.1	1,123	1,189	-5.6	2,059	2,414	-14.7
YEAR-END	173,208	159,129	+8.8	11,055	10,476	+5.5	20,158	18,002	+12.0

(r) Revised

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF JANUARY 1990

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4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
7	Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: March 12, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February		327,894			275,663			603,557	
March		375,171			294,516			669,687	
3 Months		1,039,747			840,326			1,880,073	
April		354,401			293,669			648,070	
May		324,183			277,732			601,915	
June		345,195			286,722			631,917	
6 Months		2,063,526			1,698,449			3,761,975	
July		302,904			254,134			557,038	
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg.
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February		9,053			1,518	
March		10,704			1,851	
3 Months		28,868			5,053	
April		9,052			1,623	
May		9,106			1,728	
June		8,663			1,719	
6 Months		55,689			10,123	
July		7,947			1,380	
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February		148,075			12,890			23,940	
March		135,190			9,785			28,252	
3 Months		461,730			37,450			74,847	
April		131,490			6,725			28,291	
May		142,090			7,855			28,508	
June		168,290			10,300			31,311	
6 Months		903,600			62,330			162,957	
July		185,550			10,655			26,167	
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1990	GAS BOILERS 1989	GAS BOILERS %Chg.	OIL BOILERS 1990	OIL BOILERS 1989	OIL BOILERS %Chg.
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February		10,698			7,234	
March		11,310			9,390	
3 Months		36,157			25,445	
April		7,267			4,931	
May		8,435			6,439	
June		15,879			11,821	
6 Months		67,835			48,636	
July		11,959			8,242	
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February		6,340			3,180			9,520	
March		5,080			4,870			9,950	
3 Months		21,270			14,080			35,350	
April		5,520			5,640			11,160	
May		6,130			4,640			10,770	
June		7,910			4,810			12,720	
6 Months		40,830			29,170			70,000	
July		7,120			5,510			12,630	
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS			GAS FLOOR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	3,126	3,413	-8.4	4,004	7,023	-43.0	1,080	1,098	-1.6
February		3,286			3,647			693	
March		4,568			15,738			1,249	
3 Months		11,267			26,408			3,040	
April		4,130			16,598			1,056	
May		6,287			25,691			1,344	
June		8,556			26,320			1,105	
6 Months		30,240			95,117			6,545	
July		7,106			26,031			1,602	
August		10,582			26,527			1.509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February		12,673			1,133			1,723	
March		12,971			902			1,857	
3 Months		40,663			2,972			5,643	
April		11,551			551			1,395	
May		10,343			545			1,164	
June		14,926			850			1,425	
6 Months		77,483			4,918			9,627	
July		8,394			454			778	
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF FEBRUARY 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
7	Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: April 16, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	1990	1989	%Chg.	1990	1989	%Chg.	1990	1989	%Chg.
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March		375,171			294,516			669,687	
3 Months		1,039,747			840,326			1,880,073	
April		354,401			293,669			648,070	
May		324,183			277,732			601,915	
June		345,195			286,722			631,917	
6 Months		2,063,526			1,698,449			3,761,975	
July		302,904			254,134			557,038	
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

gures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March		10,704			1,851	
3 Months		28,868			5,053	
April		9,052			1,623	
May		9,106			1,728	
June		8,663			1,719	
6 Months		55,689			10,123	
July		7,947			1,380	
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	130,120	148,075	-12.1	9,050	12,890	-29.8	22,320	23,940	-6.8
March		135,190			9,785			28,252	
3 Months		461,730			37,450			74,847	
April		131,490			6,725			28,291	
May		142,090			7,855			28,508	
June		168,290			10,300			31,311	
6 Months		903,600			62,330			162,957	
July		185,550			10,655			26,167	
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1990	GAS BOILERS 1989	GAS BOILERS %Chg.	OIL BOILERS 1990	OIL BOILERS 1989	OIL BOILERS %Chg.
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March		11,310			9,390	
3 Months		36,157			25,445	
April		7,267			4,931	
May		8,435			6,439	
June		15,879			11,821	
6 Months		67,835			48,636	
July		11,959			8,242	
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1990	1989	%Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1990	1989	%Chg.	TOTAL WALL FURNACES 1990	1989	%Chg
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March		5,080			4,870			9,950	
3 Months		21,270			14,080			35,350	
April		5,520			5,640			11,160	
May		6,130			4,640			10,770	
June		7,910			4,810			12,720	
6 Months		40,830			29,170			70,000	
July		7,120			5,510			12,630	
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

MONTH	VENTED ROOM HEATERS 1990	1989	%Chg.	UNVENTED ROOM HEATERS 1990	1989	%Chg.	GAS FLOOR FURNACES 1990	1989	%Chg.
January	3,126	3,413	-8.4	4,004	7,023	-43.0	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March		4,568			15,738			1,249	
3 Months		11,267			26,408			3,040	
April		4,130			16,598			1,056	
May		6,287			25,691			1,344	
June		8,556			26,320			1,105	
6 Months		30,240			95,117			6,545	
July		7,106			26,031			1,602	
August		10,582			26,527			1,509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	1990	1989	%Chg.	1990	1989	%Chg.	1990	1989	%Chg
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March		12,971			902			1,857	
3 Months		40,663			2,972			5,643	
April		11,551			551			1,395	
May		10,343			545			1,164	
June		14,926			850			1,425	
6 Months		77,483			4,918			9,627	
July		8,394			454			778	
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

TEN YEAR SUMMARY, 1980-1989

DIRECT HEATING EQUIPMENT

	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
WALL FURN. VENTED										
Natural	93,180	92,440	92,630	112,640	N/A	N/A	N/A	79,950	67,850	107,240
LP	12,530	15,430	13,110	15,280	N/A	N/A	N/A	9,630	12,290	17,690
TOTAL	105,710	107,870	105,740	127,920	138,710	123,230	119,880	89,580	80,140	124,930
DIRECT VENT										
Natural	37,910	36,250	33,770	40,920	N/A	N/A	34,430	31,290	33,900	55,540
LP	29,790	29,080	27,030	28,090	N/A	N/A	14,000	11,770	13,120	18,920
TOTAL	67,700	65,330	60,800	69,010	67,720	56,080	48,430	43,060	47,020	74,460
FLOOR FURN	18,477	20,300	19,704	21,874	22,085	20,825	18,775	18,746	10,552	12,240
ROOM HEATERS										
Vented	87,314	91,426	90,564	92,475	84,612	77,902	63,542	60,549	76,523	124,305
Unvented	217,566	202,161	177,105	188,936	198,357	177,940	139,280	121,155	52,951	89,816
TOTAL DIRECT HEATING EQUIP.	496,767	487,087	453,913	500,215	511,484	455,977	389,907	333,090	270,746	433,563

WATER HEATERS

	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
GAS-FIRED										
Natural	3,845,259	3,674,255	3,672,746	3,485,304	3,302,898	3,281,086	2,953,375	2,771,349	2,461,544	2,498,475
LP	285,210	282,214	277,938	243,475	226,033	220,967	218,692	269,598	323,663	319,788
TOTAL	4,130,469	3,956,469	3,950,684	3,728,779	3,528,931	3,502,053	3,172,067	3,040,947	2,785,207	2,818,263
ELECTRIC	3,369,108	3,333,490	3,396,395	3,389,150	3,452,283	3,480,845	3,131,017	2,716,219	2,463,270	2,451,021

CENTRAL HEATING EQUIPMENT

GAS-FIRED										
Furnaces (Forced-Air)	2,162,185	2,092,165	2,072,925	2,104,805	1,822,295	1,849,200	1,661,800	1,155,600	1,416,700	1,445,700
Boilers (Steam & Hot Water)	191,803	211,320	189,662	196,022	192,455	179,870	147,700	147,600	161,600	293,300
ELECTRIC										
Furnaces (Elec Resistance)	298,228	293,095	375,055	382,590	366,020	354,435	339,950	177,100	234,500	227,400
Boilers	*	341	469	512	N/A	634	663	808	1,735	2,660
OIL-FIRED										
Furnaces	178,980	203,785	206,445	200,540	147,260	148,025	127,305	103,500	81,200	63,700
Boilers	129,975	144,204	134,714	125,606	103,527	90,586	82,622	72,822	67,492	51,672
TOTAL CENTRAL HEATING EQUIPMENT	2,961,171	2,944,910	2,979,270	3,010,075	2,631,557	2,622,750	2,360,040	1,657,430	1,963,227	2,084,432

COMMERCIAL EQUIPMENT

	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
WATER HEATERS GAS-FIRED (Including Swimming Pool Heaters)	106,401(a)	108,682(a)	211,466	198,304	191,848	199,671	175,998	170,018	212,474	219,242
ELECTRIC	19,768	18,995	18,361	18,174	19,240	20,845	18,357	18,011	13,750	16,384
GAS UNIT HEATERS	184,263	169,605	164,040	164,863	184,188	164,743	122,020	126,600	142,660	176,840
GAS DUCT FURNACES	20,158	18,002	18,629	20,108	20,870	19,703	16,912	17,200	17,675	20,850

N/A Not Available

* Not available due to possible disclosure

(a) Does not include Swimming Pool Heaters therefore comparison cannot be made

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF MARCH 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page		
	WATER HEATERS	
2		Residential
3		Commercial
	RESIDENTIAL HEATING EQUIPMENT	
4		Central Furnaces
5		Boilers
6		Wall Furnaces
7		Room Heaters
7		Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**	

Issued: May 11, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March	360,002	375,171	-4.0	292,059	294,516	-0.8	652,061	669,687	-2.6
3 Months	1,001,858	1,039,747	-3.6	809,121	840,326	-3.7	1,810,979	1,880,073	-3.7
April		354,401			293,669			648,070	
May		324,183			277,732			601,915	
June		345,195			286,722			631,917	
6 Months		2,063,526			1,698,449			3,761,975	
July		302,904			254,134			557,038	
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March	9,437 (b)	10,704	-11.8	2,006	1,851	+8.4
3 Months	26,623	28,868	-7.8	5,469	5,053	+8.2
April		9,052			1,623	
May		9,106			1,728	
June		8,663			1,719	
6 Months		55,689			10,123	
July		7,947			1,380	
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	124,080 (r)	148,075	-16.2	9,050	12,890	-29.8	22,320	23,940	-6.8
March	136,215	135,190	+0.8	8,040	9,785	-17.8	24,406	28,252	-13.6
3 Months	416,790	461,730	-9.7	28,545	37,450	-23.8	73,033	74,847	-2.4
April		131,490			6,725			28,291	
May		142,090			7,855			28,508	
June		168,290			10,300			31,311	
6 Months		903,600			62,330			162,957	
July		185,550			10,655			26,167	
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

(r) Revised

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March	10,664	11,310	-5.7	6,637	9,390	-29.3
3 Months	33,614	36,157	-7.0	20,231	25,445	-20.5
April		7,267			4,931	
May		8,435			6,439	
June		15,879			11,821	
6 Months		67,835			48,636	
July		11,959			8,242	
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March	5,010	5,080	-1.4	4,200	4,870	-13.8	9,210	9,950	-7.4
3 Months	20,130	21,270	-5.4	11,330	14,080	-19.5	31,460	35,350	-11.0
April		5,520			5,640			11,160	
May		6,130			4,640			10,770	
June		7,910			4,810			12,720	
6 Months		40,830			29,170			70,000	
July		7,120			5,510			12,630	
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

MONTH	VENTED ROOM HEATERS 1990	VENTED ROOM HEATERS 1989	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1990	UNVENTED ROOM HEATERS 1989	UNVENTED ROOM HEATERS %Chg.	GAS FLOOR FURNACES 1990	GAS FLOOR FURNACES 1989	GAS FLOOR FURNACES %Chg.
January	3,126	3,413	-8.4	4,944 (r)	7,023	-29.6	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March	3,660	4,568	-19.9	7,786	15,738	-50.5	1,447	1,249	+15.9
3 Months	8,922	11,267	-20.8	14,238	26,408	-46.1	3,065	3,040	+0.8
April		4,130			16,598			1,056	
May		6,287			25,691			1,344	
June		8,556			26,320			1,105	
6 Months		30,240			95,117			6,545	
July		7,106			26,031			1,602	
August		10,582			26,527			1,509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March	10,402	12,971	-19.8	858	902	-4.9	1,503	1,857	-19.1
3 Months	30,611	40,663	-24.7	2,477	2,972	-16.7	4,278	5,643	-24.2
April		11,551			551			1,395	
May		10,343			545			1,164	
June		14,926			850			1,425	
6 Months		77,483			4,918			9,627	
July		8,394			454			778	
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF APRIL 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
7	Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: June 11, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March	360,002	375,171	-4.0	292,059	294,516	-0.8	652,061	669,687	-2.6
3 Months	1,001,858	1,039,747	-3.6	809,121	840,326	-3.7	1,810,979	1,880,073	-3.7
April	327,651	354,401	-7.5	267,650	293,669	-8.9	595,301	648,070	-8.1
May		324,183			277,732			601,915	
June		345,195			286,722			631,917	
6 Months		2,063,526			1,698,449			3,761,975	
July		302,904			254,134			557,038	
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March	9,437 (b)	10,704	-11.8	2,006	1,851	+8.4
3 Months	26,623	28,868	-7.8	5,469	5,053	+8.2
April	8,770	9,052	-3.1	1,767	1,623	+8.9
May		9,106			1,728	
June		8,663			1,719	
6 Months		55,689			10,123	
July		7,947			1,380	
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	124,080 (r)	148,075	-16.2	9,050	12,890	-29.8	22,320	23,940	-6.8
March	136,215	135,190	+0.8	8,040	9,785	-17.8	24,406	28,252	-13.6
3 Months	416,790	461,730	-9.7	28,545	37,450	-23.8	73,033	74,847	-2.4
April	123,645	131,490	-6.0	7,820	6,725	+16.3	19,352	28,291	-31.6
May		142,090			7,855			28,508	
June		168,290			10,300			31,311	
6 Months		903,600			62,330			162,957	
July		185,550			10,655			26,167	
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1990	GAS BOILERS 1989	GAS BOILERS %Chg.	OIL BOILERS 1990	OIL BOILERS 1989	OIL BOILERS %Chg.
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March	10,664	11,310	-5.7	6,637	9,390	-29.3
3 Months	33,614	36,157	-7.0	20,231	25,445	-20.5
April	7,269	7,267	+0.0	5,356	4,931	+8.6
May		8,435			6,439	
June		15,879			11,821	
6 Months		67,835			48,636	
July		11,959			8,242	
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March	5,010	5,080	-1.4	4,200	4,870	-13.8	9,210	9,950	-7.4
3 Months	20,130	21,270	-5.4	11,330	14,080	-19.5	31,460	35,350	-11.0
April	3,160	5,520	-42.8	2,910	5,640	-48.4	6,070	11,160	-45.6
May		6,130			4,640			10,770	
June		7,910			4,810			12,720	
6 Months		40,830			29,170			70,000	
July		7,120			5,510			12,630	
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS			GAS FLOOR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	3,126	3,413	-8.4	4,944 (r)	7,023	-29.6	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March	3,660	4,568	-19.9	7,786	15,738	-50.5	1,447	1,249	+15.9
3 Months	8,922	11,267	-20.8	14,238	26,408	-46.1	3,065	3,040	+0.8
April	5,274	4,130	+27.7	19,240	16,598	+15.9	841	1,056	-20.4
May		6,287			25,691			1,344	
June		8,556			26,320			1,105	
6 Months		30,240			95,117			6,545	
July		7,106			26,031			1,602	
August		10,582			26,527			1,509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March	10,402	12,971	-19.8	858	902	-4.9	1,503	1,857	-19.1
3 Months	30,611	40,663	-24.7	2,477	2,972	-16.7	4,278	5,643	-24.2
April	10,752	11,551	-6.9	526	551	-4.5	1,158	1,395	-17.0
May		10,343			545			1,164	
June		14,926			850			1,425	
6 Months		77,483			4,918			9,627	
July		8,394			454			778	
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		15,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF MAY 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
7	Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: July 10, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March	360,002	375,171	-4.0	292,059	294,516	-0.8	652,061	669,687	-2.6
3 Months	1,001,858	1,039,747	-3.6	809,121	840,326	-3.7	1,810,979	1,880,073	-3.7
April	327,651	354,401	-7.5	267,650	293,669	-8.9	595,301	648,070	-8.1
May	308,506	324,183	-4.8	268,523	277,732	-3.3	577,029	601,915	-4.1
June		345,195			286,722			631,917	
6 Months		2,063,526			1,698,449			3,761,975	
July		302,904			254,134			557,038	
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March	9,437 (b)	10,704	-11.8	2,006	1,851	+8.4
3 Months	26,623 (b)	28,868	-7.8	5,469	5,053	+8.2
April	8,770 (b)	9,052	-3.1	1,767	1,623	+8.9
May	8,535 (b)	9,106	-6.3	1,586	1,728	-8.2
June		8,663			1,719	
6 Months		55,689			10,123	
July		7,947			1,380	
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	124,080 (r)	148,075	-16.2	9,050	12,890	-29.8	22,320	23,940	-6.8
March	136,215	135,190	+0.8	8,040	9,785	-17.8	24,406	28,252	-13.6
3 Months	416,790	461,730	-9.7	28,545	37,450	-23.8	73,033	74,847	-2.4
April	123,645	131,490	-6.0	7,820	6,725	+16.3	19,352	28,291	-31.6
May	129,000	142,090	-9.2	6,705	7,855	-14.6	22,699	28,508	-20.4
June		168,290			10,300			31,311	
6 Months		903,600			62,330			162,957	
July		185,550			10,655			26,167	
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1990	GAS BOILERS 1989	GAS BOILERS %Chg.	OIL BOILERS 1990	OIL BOILERS 1989	OIL BOILERS %Chg.
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March	10,664	11,310	-5.7	6,637	9,390	-29.3
3 Months	33,614	36,157	-7.0	20,231	25,445	-20.5
April	7,269	7,267	+0.0	5,356	4,931	+8.6
May	7,596	8,532 (r)	-11.0	5,365	6,439	-16.7
June		15,879			11,821	
6 Months		67,835			48,636	
July		11,959			8,242	
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

(r) Revised

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March	5,010	5,080	-1.4	4,200	4,870	-13.8	9,210	9,950	-7.4
3 Months	20,130	21,270	-5.4	11,330	14,080	-19.5	31,460	35,350	-11.0
April	3,160	5,520	-42.8	2,910	5,640	-48.4	6,070	11,160	-45.6
May	5,220	6,130	-14.8	5,130	4,640	+10.6	10,350	10,770	-3.9
June		7,910			4,810			12,720	
6 Months		40,830			29,170			70,000	
July		7,120			5,510			12,630	
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

MONTH	VENTED ROOM HEATERS 1990	1989	%Chg.	UNVENTED ROOM HEATERS 1990	1989	%Chg.	GAS FLOOR FURNACES 1990	1989	%Chg.
January	3,126	3,413	-8.4	4,944 (r)	7,023	-29.6	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March	3,660	4,568	-19.9	7,786	15,738	-50.5	1,447	1,249	+15.9
3 Months	8,922	11,267	-20.8	14,238	26,408	-46.1	3,065	3,040	+0.8
April	5,274	4,130	+27.7	19,240	16,598	+15.9	841	1,056	-20.4
May	7,269	6,287	+15.6	34,035	25,691	+32.5	1,327	1,344	-1.3
June		8,556			26,320			1,105	
6 Months		30,240			95,117			6,545	
July		7,106			26,031			1,602	
August		10,582			26,527			1,509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March	10,402	12,971	-19.8	858	902	-4.9	1,503	1,857	-19.1
3 Months	30,611	40,663	-24.7	2,477	2,972	-16.7	4,278	5,643	-24.2
April	10,752	11,551	-6.9	526	551	-4.5	1,158	1,395	-17.0
May	9,381	10,343	-9.3	588	545	+7.9	1,312	1,164	+12.7
June		14,926			850			1,425	
6 Months		77,483			4,918			9,627	
July		8,394			454			778	
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF JUNE 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
7	Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: August 15, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March	360,002	375,171	-4.0	292,059	294,516	-0.8	652,061	669,687	-2.6
3 Months	1,001,858	1,039,747	-3.6	809,121	840,326	-3.7	1,810,979	1,880,073	-3.7
April	327,651	354,401	-7.5	267,650	293,669	-8.9	595,301	648,070	-8.1
May	308,506	324,183	-4.8	268,523	277,732	-3.3	577,029	601,915	-4.1
June	323,483	345,195	-6.3	270,895	286,722	-5.5	594,378	631,917	-5.9
6 Months	1,961,498	2,063,526	-4.9	1,616,189	1,698,449	-4.8	3,577,687	3,761,975	-4.9
July		302,904			254,134			557,038	
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March	9,437 (b)	10,704	-11.8	2,006	1,851	+8.4
3 Months	26,623 (b)	28,868	-7.8	5,469	5,053	+8.2
April	8,770 (b)	9,052	-3.1	1,767	1,623	+8.9
May	8,535 (b)	9,106	-6.3	1,586	1,728	-8.2
June	8,341 (b)	8,663	-3.7	1,721	1,719	+0.1
6 Months	52,269 (b)	55,689	-6.1	10,543	10,123	+4.1
July		7,947			1,380	
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	124,080 (r)	148,075	-16.2	9,050	12,890	-29.8	22,320	23,940	-6.8
March	136,215	135,190	+0.8	8,040	9,785	-17.8	24,406	28,252	-13.6
3 Months	416,790	461,730	-9.7	28,545	37,450	-23.8	73,033	74,847	-2.4
April	123,645	131,490	-6.0	7,820	6,725	+16.3	19,352	28,291	-31.6
May	129,000	142,090	-9.2	6,705	7,855	-14.6	22,699	28,508	-20.4
June	145,435	168,290	-13.6	8,370	10,300	-18.7	28,788	31,311	-8.1
6 Months	814,870	903,600	-9.8	51,440	62,330	-17.5	143,872	162,957	-11.7
July		185,550			10,655			26,167	
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1990	GAS BOILERS 1989	GAS BOILERS %Chg.	OIL BOILERS 1990	OIL BOILERS 1989	OIL BOILERS %Chg.
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March	10,664	11,310	-5.7	6,637	9,390	-29.3
3 Months	33,614	36,157	-7.0	20,231	25,445	-20.5
April	7,269	7,267	+0.0	5,356	4,931	+8.6
May	7,596	8,532	-11.0	5,365	6,439	16.7
June	13,806	15,879	-13.1	9,382	11,821	-20.6
6 Months	62,285	67,835	-8.2	40,334	48,636	-17.1
July		11,959			8,242	
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March	5,010	5,080	-1.4	4,200	4,870	-13.8	9,210	9,950	-7.4
3 Months	20,130	21,270	-5.4	11,330	14,080	-19.5	31,460	35,350	-11.0
April	3,160	5,520	-42.8	2,910	5,640	-48.4	6,070	11,160	-45.6
May	5,220	6,130	-14.8	5,130	4,640	+10.6	10,350	10,770	-3.9
June	4,040	7,910	-48.9	4,440	4,810	-7.7	8,480	12,720	-33.3
6 Months	32,550	40,830	-20.3	23,810	29,170	-18.4	56,360	70,000	-19.5
July		7,120			5,510			12,630	
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

MONTH	VENTED ROOM HEATERS 1990	VENTED ROOM HEATERS 1989	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1990	UNVENTED ROOM HEATERS 1989	UNVENTED ROOM HEATERS %Chg.	GAS FLOOR FURNACES 1990	GAS FLOOR FURNACES 1989	GAS FLOOR FURNACES %Chg.
January	3,126	3,413	-8.4	4,944	7,023	-29.6	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March	3,660	4,568	-19.9	7,786	15,738	-50.5	1,447	1,249	+15.9
3 Months	8,922	11,267	-20.8	14,238	26,408	-46.1	3,065	3,040	+0.8
April	5,274	4,130	+27.7	19,240	16,598	+15.9	841	1,056	-20.4
May	7,269	6,287	+15.6	34,035	25,691	+32.5	1,327	1,344	-1.3
June	5,960	8,556	-30.3	29,023	26,320	+10.3	616	1,105	-44.3
6 Months	27,425	30,240	-9.3	96,536	95,117	+1.5	5,849	6,545	-10.6
July		7,106			26,031			1,602	
August		10,582			26,527			1,509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March	10,402	12,971	-19.8	858	902	-4.9	1,503	1,857	-19.1
3 Months	30,611	40,663	-24.7	2,477	2,972	-16.7	4,278	5,643	-24.2
April	10,752	11,551	-6.9	526	551	-4.5	1,158	1,395	-17.0
May	9,381	10,343	-9.3	588	545	+7.9	1,312	1,164	+12.7
June	12,479	14,926	-16.4	812	850	-4.5	1,285	1,425	-9.8
6 Months	63,223	77,483	-18.4	4,403	4,918	-10.5	8,033	9,627	-16.6
July		8,394			454			778	
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF JULY 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	WATER HEATERS
2	Residential
3	Commercial
	RESIDENTIAL HEATING EQUIPMENT
4	Central Furnaces
5	Boilers
6	Wall Furnaces
7	Room Heaters
7	Floor Furnaces
8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: September 6, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March	360,002	375,171	-4.0	292,059	294,516	-0.8	652,061	669,687	-2.6
3 Months	1,001,858	1,039,747	-3.6	809,121	840,326	-3.7	1,810,979	1,880,073	-3.7
April	327,651	354,401	-7.5	267,650	293,669	-8.9	595,301	648,070	-8.1
May	308,506	324,183	-4.8	268,523	277,732	-3.3	577,029	601,915	-4.1
June	323,483	345,195	-6.3	270,895	286,722	-5.5	594,378	631,917	-5.9
6 Months	1,961,498	2,063,526	-4.9	1,616,189	1,698,449	-4.8	3,577,687	3,761,975	-4.9
July	294,170	302,904	-2.9	248,672	254,134	-2.1	542,842	557,038	-2.5
August		295,399			259,038			554,437	
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March	9,437 (b)	10,704	-11.8	2,006	1,851	+8.4
3 Months	26,623 (b)	28,868	-7.8	5,469	5,053	+8.2
April	8,770 (b)	9,052	-3.1	1,767	1,623	+8.9
May	8,535 (b)	9,106	-6.3	1,586	1,728	-8.2
June	8,341 (b)	8,663	-3.7	1,721	1,719	+0.1
6 Months	52,269 (b)	55,689	-6.1	10,543	10,123	+4.1
July	7,081 (b)	7,947	-10.9	1,489	1,380	+7.9
August		8,185			1,791	
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY include copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	124,080 (r)	148,075	-16.2	9,050	12,890	-29.8	22,320	23,940	-6.8
March	136,215	135,190	+0.8	8,040	9,785	-17.8	24,406	28,252	-13.6
3 Months	416,790	461,730	-9.7	28,545	37,450	-23.8	73,033	74,847	-2.4
April	123,645	131,490	-6.0	7,820	6,725	+16.3	19,352	28,291	-31.6
May	129,000	142,090	-9.2	6,705	7,855	-14.6	22,699	28,508	-20.4
June	145,435	168,290	-13.6	8,370	10,300	-18.7	28,788	31,311	-8.1
6 Months	814,870	903,600	-9.8	51,440	62,330	-17.5	143,872	162,957	-11.7
July	166,860	185,550	-10.1	10,895	10,655	+2.3	28,526	26,167	+9.0
August		215,965			21,770			27,905	
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1990	GAS BOILERS 1989	GAS BOILERS %Chg.	OIL BOILERS 1990	OIL BOILERS 1989	OIL BOILERS %Chg.
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March	10,664	11,310	-5.7	6,637	9,390	-29.3
3 Months	33,614	36,157	-7.0	20,231	25,445	-20.5
April	7,269	7,267	+0.0	5,356	4,931	+8.6
May	7,596	8,532	-11.0	5,365	6,439	-16.7
June	13,806	15,879	-13.1	9,382	11,821	-20.6
6 Months	62,295	67,835	-8.2	40,334	48,636	-17.1
July	11,005	11,959	-8.0	7,265	8,242	-11.9
August		20,883			15,603	
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March	5,010	5,080	-1.4	4,200	4,870	-13.8	9,210	9,950	-7.4
3 Months	20,130	21,270	-5.4	11,330	14,080	-19.5	31,460	35,350	-11.0
April	3,160	5,520	-42.8	2,910	5,640	-48.4	6,070	11,160	-45.6
May	5,220	6,130	-14.8	5,130	4,640	+10.6	10,350	10,770	-3.9
June	4,040	7,910	-48.9	4,440	4,810	-7.7	8,480	12,720	-33.3
6 Months	32,550	40,830	-20.3	23,810	29,170	-18.4	56,360	70,000	-19.5
July	5,300	7,120	-25.6	3,520	5,510	-36.1	8,820	12,630	-30.2
August		7,740			4,540			12,280	
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

MONTH	VENTED ROOM HEATERS 1990	1989	%Chg.	UNVENTED ROOM HEATERS 1990	1989	%Chg.	GAS FLOOR FURNACES 1990	1989	%Chg.
January	3,126	3,413	-8.4	4,944	7,023	-29.6	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March	3,660	4,568	-19.9	7,786	15,738	-50.5	1,447	1,249	+15.9
3 Months	8,922	11,267	-20.8	14,238	26,408	-46.1	3,065	3,040	+0.8
April	5,274	4,130	+27.7	19,240	16,598	+15.9	841	1,056	-20.4
May	7,269	6,287	+15.6	34,035	25,691	+32.5	1,327	1,344	-1.3
June	5,960	8,556	-30.3	29,023	26,320	+10.3	616	1,105	-44.3
6 Months	27,425	30,240	-9.3	96,536	95,117	+1.5	5,849	6,545	-10.6
July	5,721	7,106	-19.5	25,196	26,031	-3.2	1,635	1,602	+2.1
August		10,582			26,527			1,509	
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March	10,402	12,971	-19.8	858	902	-4.9	1,503	1,857	-19.1
3 Months	30,611	40,663	-24.7	2,477	2,972	-16.7	4,278	5,643	-24.2
April	10,752	11,551	-6.9	526	551	-4.5	1,158	1,395	-17.0
May	9,381	10,343	-9.3	588	545	+7.9	1,312	1,164	+12.7
June	12,479	14,926	-16.4	812	850	-4.5	1,285	1,425	-9.8
6 Months	63,223	77,483	-18.4	4,403	4,918	-10.5	8,033	9,627	-16.6
July	8,586	8,394	+2.3	372	454	-18.1	586	778	-24.7
August		17,641			1,059			1,676	
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	

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STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF AUGUST 1990

A summary of shipments statistics compiled by GAMA from reports by its members. Unless otherwise noted, figures represent total industry factory unit shipments.

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8	**GAS UNIT HEATERS and DUCT FURNACES**

Issued: October 1, 1990

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	318,081	336,682	-5.5	248,173	270,147	-8.1	566,254	606,829	-6.7
February	323,775	327,894	-1.3	268,889	275,663	-2.5	592,664	603,557	-1.8
March	360,002	375,171	-4.0	292,059	294,516	-0.8	652,061	669,687	-2.6
3 Months	1,001,858	1,039,747	-3.6	809,121	840,326	-3.7	1,810,979	1,880,073	-3.7
April	327,651	354,401	-7.5	267,650	293,669	-8.9	595,301	648,070	-8.1
May	308,506	324,183	-4.8	268,523	277,732	-3.3	577,029	601,915	-4.1
June	323,483	345,195	-6.3	270,895	286,722	-5.5	594,378	631,917	-5.9
6 Months	1,961,498	2,063,526	-4.9	1,616,189	1,698,449	-4.8	3,577,687	3,761,975	-4.9
July	294,170	302,904	-2.9	248,672	254,134	-2.1	542,842	557,038	-2.5
August	298,834	295,399	+1.2	272,767	259,038	+5.3	571,601	554,437	+3.1
September		308,807			256,800			565,607	
9 Months		2,970,636			2,468,421			5,439,057	
October		397,068			317,882			714,950	
November		364,592			278,169			642,761	
December		398,173			304,636			702,809	
YEAR-END		4,130,469			3,369,108			7,499,577	

COMMERCIAL WATER HEATERS

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1990	1989	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS 1990	1989	%Chg
January	8,744 (b)	9,111	-4.0	1,760	1,684	+4.5
February	8,442 (b)	9,053	-6.7	1,703	1,518	+12.2
March	9,437 (b)	10,704	-11.8	2,006	1,851	+8.4
3 Months	26,623	28,868	-7.8	5,469	5,053	+8.2
April	8,770 (b)	9,052	-3.1	1,767	1,623	+8.9
May	8,535 (b)	9,106	-6.3	1,586	1,728	-8.2
June	8,341 (b)	8,663	-3.7	1,721	1,719	+0.1
6 Months	52,269 (b)	55,689	-6.1	10,543	10,123	+4.1
July	7,081 (b)	7,947	-10.9	1,489	1,380	+7.9
August	7,596 (b)	8,185	-7.2	1,828	1,791	+2.1
September		7,773			1,541	
9 Months		79,594			14,835	
October		8,851			1,691	
November		8,132			1,542	
December		9,824			1,700	
YEAR-END		106,401			19,768	

(a) Includes copper tube or coil type commercial gas water heaters.
(b) Does not CURRENTLY inclu e copper tube or coil type commercial gas water heaters.

CENTRAL HEATING FURNACES

	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	156,495	178,465	-12.3	11,455	14,775	-22.5	26,307	22,655	+16.1
February	124,080 (r)	148,075	-16.2	9,050	12,890	-29.8	22,320	23,940	-6.8
March	136,215	135,190	+0.8	8,040	9,785	-17.8	24,406	28,252	-13.6
3 Months	416,790	461,730	-9.7	28,545	37,450	-23.8	73,033	74,847	-2.4
April	123,645	131,490	-6.0	7,820	6,725	+16.3	19,352	28,291	-31.6
May	129,000	142,090	-9.2	6,705	7,855	-14.6	22,699	28,508	-20.4
June	145,435	168,290	-13.6	8,370	10,300	-18.7	28,788	31,311	-8.1
6 Months	814,870	903,600	-9.8	51,440	62,330	-17.5	143,872	162,957	-11.7
July	166,860	185,550	-10.1	10,895	10,655	+2.3	28,526	26,167	+9.0
August	187,585	215,965	-13.1	15,375	21,770	-29.4	26,541	27,905	-4.9
September		245,825			25,670			23,978	
9 Months		1,550,940			120,425			241,007	
October		250,890			24,370			21,079	
November		195,730			20,430			15,902	
December		164,625			13,755			20,240	
YEAR-END		2,162,185			178,980			298,228	

GAS & OIL BOILERS

	GAS BOILERS			OIL BOILERS		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**
January	14,129	14,149	-0.1	8,828	8,821	+0.1
February	8,821	10,698	-17.5	4,766	7,234	-34.1
March	10,664	11,310	-5.7	6,637	9,390	-29.3
3 Months	33,614	36,157	-7.0	20,231	25,445	-20.5
April	7,269	7,267	+0.0	5,356	4,931	+8.6
May	7,596	8,435	-9.9	5,365	6,439	-16.7
June	13,806	15,879	-13.1	9,382	11,821	-20.6
6 Months	62,285	67,835	-8.2	40,334	48,636	-17.1
July	11,005	11,959	-8.0	7,265	8,242	-11.9
August	23,333	20,883	+11.7	13,566	15,603	-13.1
September		22,793			16,409	
9 Months		123,470			88,890	
October		29,564			18,309	
November		21,058			13,058	
December		17,711			9,718	
YEAR-END		191,803			129,975	

GAS RESIDENTIAL WALL FURNACES

	VENTED WALL FURNACES			DIRECT VENT SYSTEM WALL FURNACES (a)			TOTAL WALL FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	9,620	9,850	-2.3	5,080	6,030	-15.8	14,700	15,880	-7.4
February	5,500	6,340	-13.2	2,050	3,180	-35.5	7,550	9,520	-20.7
March	5,010	5,080	-1.4	4,200	4,870	-13.8	9,210	9,950	-7.4
3 Months	20,130	21,270	-5.4	11,330	14,080	-19.5	31,460	35,350	-11.0
April	3,160	5,520	-42.8	2,910	5,640	-48.4	6,070	11,160	-45.6
May	5,220	6,130	-14.8	5,130	4,640	+10.6	10,350	10,770	-3.9
June	4,040	7,910	-48.9	4,440	4,810	-7.7	8,480	12,720	-33.3
6 Months	32,550	40,830	-20.3	23,810	29,170	-18.4	56,360	70,000	-19.5
July	5,300	7,120	-25.6	3,520	5,510	-36.1	8,820	12,630	-30.2
August	5,720	7,740	-26.1	2,990	4,540	-34.1	8,710	12,280	-29.1
September		15,330			6,890			22,220	
9 Months		71,020			46,110			117,130	
October		13,330			8,210			21,540	
November		10,290			5,760			16,050	
December		11,070			7,620			18,690	
YEAR-END		105,710			67,700			173,410	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS

FLOOR FURNACES

MONTH	VENTED ROOM HEATERS 1990	VENTED ROOM HEATERS 1989	VENTED ROOM HEATERS %Chg.	UNVENTED ROOM HEATERS 1990	UNVENTED ROOM HEATERS 1989	UNVENTED ROOM HEATERS %Chg.	GAS FLOOR FURNACES 1990	GAS FLOOR FURNACES 1989	GAS FLOOR FURNACES %Chg.
January	3,126	3,413	-8.4	4,944 (r)	7,023	-29.6	1,080	1,098	-1.6
February	2,136	3,286	-35.0	1,508	3,647	-58.7	538	693	-22.4
March	3,660	4,568	-19.9	7,786	15,738	-50.5	1,447	1,249	+15.9
3 Months	8,922	11,267	-20.8	14,238	26,408	-46.1	3,065	3,040	+0.8
April	5,274	4,130	+27.7	19,240	16,598	+15.9	841	1,056	-20.4
May	7,269	6,287	+15.6	34,035	25,691	+32.5	1,327	1,344	-1.3
June	5,960	8,556	-30.3	29,023	26,320	+10.3	616	1,105	-44.3
6 Months	27,425	30,240	-9.3	96,536	95,117	+1.5	5,849	6,545	-10.6
July	5,721	7,106	-19.5	25,196	26,031	-3.2	1,635	1,602	+2.1
August	6,968	10,582	-34.2	27,672	26,527	+4.3	1,628	1,509	+7.9
September		12,284			19,022			2,171	
9 Months		60,212			166,697			11,827	
October		14,016			19,509			2,837	
November		7,402			18,349			2,255	
December		5,684			13,011			1,558	
YEAR-END		87,314			217,566			18,477	

(r) Revised

GAS UNIT HEATERS AND DUCT FURNACES

	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
MONTH	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg.**	**1990**	**1989**	**%Chg**
January	12,017	15,019	-20.0	835	937	-10.9	1,550	2,063	-24.9
February	8,192	12,673	-35.4	784	1,133	-30.8	1,225	1,723	-28.9
March	10,402	12,971	-19.8	858	902	-4.9	1,503	1,857	-19.1
3 Months	30,611	40,663	-24.7	2,477	2,972	-16.7	4,278	5,643	-24.2
April	10,752	11,551	-6.9	526	551	-4.5	1,158	1,395	-17.0
May	9,381	10,343	-9.3	588	545	+7.9	1,312	1,164	+12.7
June	12,479	14,926	-16.4	812	850	-4.5	1,285	1,425	-9.8
6 Months	63,223	77,483	-18.4	4,403	4,918	-10.5	8,033	9,627	-16.6
July	8,586	8,394	+2.3	372	454	-18.1	586	778	-24.7
August	14,509	17,641	-17.8	505	1,059	-52.3	1,105	1,676	-34.1
September		22,194			1,058			2,236	
9 Months		125,712			7,489			14,317	
October		16,089			1,175			1,942	
November		14,942			1,268			1,840	
December		16,465			1,123			2,059	
YEAR-END		173,208			11,055			20,158	